

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-38. Canceled.

39. (New) An isolated nucleic acid sequence encoding a polypeptide having an amino acid sequence consisting of a sequence present in the glutamic acid decarboxylase₆₅ (GAD₆₅) of Figure 2 or Figure 3 and possessing at least one epitope for an autoantibody to GAD₆₅.

40. (New) The isolated nucleic acid sequence of claim 39, wherein said sequence possesses a single epitope for an autoantibody to GAD₆₅.

41. (New) The isolated nucleic acid sequence of claim 39, wherein said sequence is a cDNA sequence.

42. (New) A host cell transformed or transfected with the nucleic acid sequence of claim 39.